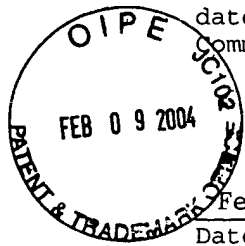


Certificate of Mailing [37 CFR 1.8(a)]

I hereby certify that this paper and the documents referred to as attached therein are being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail addressed to the: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



February 5, 2004

Date

Denise Ortega

Name

Denise Ortega

Signature

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Claudiu Supuran et al.

Serial No.: 10/723,795

Group Art Unit:

Filed : November 26, 2003

Examiner:

For : CA IX-Specific Inhibitors

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR SECTIONS 1.56, 1.97 AND 1.98

MAIL STOP PATENT APPLICATION
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The accompanying PTO Form 1449 is submitted pursuant to 37 CFR Sections 1.56, 1.97 and 1.98, directing Applicants to submit literature and information that may be considered material to the examination of the claims of an application. Applicants respectfully submit that this Information Disclosure Statement (IDS) should be considered in accordance with 37 CFR Section 1.97(b)(1), as it is being submitted within three months of the filing date of the subject application, and that no fee is required for its consideration. However, should any fees be determined to be necessary in connection with this paper,

Applicants respectfully request that any such fees be charged to Deposit Account No. 12-0615.

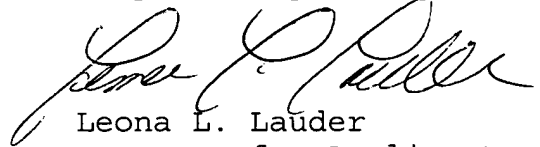
Applicants respectfully point out that the "filing of an information disclosure statement shall not be construed to be an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in Section 1.56(b)" [37 CFR Section 1.97(h)]; and that an information disclosure statement filed in accordance with 37 CFR Section 1.97 "shall not be construed as a representation that a search has been made." [37 CFR Section 1.97(g)]

Further the identification of any document herein is not intended to be, and, Applicants respectfully submit, should not be construed as being, an admission that such a document, in fact, constitutes "prior art" within the meaning of the applicable laws, since, for example, a given document may have a later effective date than at first seems apparent, or the document may have an effective date which can be antedated. Applicants respectfully conclude on this point that the "prior art" status of any document is a matter to be resolved during prosecution.

Thus, Applicants respectfully conclude that the citation of references herein is not intended to be an admission that any of the references are considered to be material or to constitute prior art, or that any of the references, either alone or in combination with any other references, would be sufficient

to render any of the claims of the above-identified patent application unpatentable.

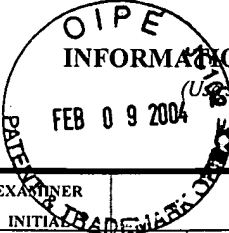
Respectfully submitted

A handwritten signature in black ink, appearing to read 'Leona L. Lauder', written in a cursive style.

Leona L. Lauder
Attorney for Applicant
Registration No. 30,863

Dated: February 5, 2004

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		Docket Number (Optional) MST-2393 US	Application Number 10/723,795
<div style="position: relative; height: 100px;"> <div style="position: absolute; top: 0; left: 0; width: 100%; height: 100%; border: 1px solid black; border-radius: 50%; text-align: center; line-height: 100px; font-size: 24px; font-weight: bold;"> FEB 09 2004 </div> </div>		Applicant(s) Supuran et al.	
Filing Date November 26, 2003		Group Art Unit	
*EXAMINER INITIAL	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
	Basini et al., "Carbonic Anhydrase Inhibitors: Water-Soluble 4-Sulfamoylphenylthioureas as Topical Intraocular Pressure-Lowering Agents with Long-Lasting Effects," <u>J. Med. Chem.</u> , 43 : 4884-4892 (2000)		
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	Sterling et al., "The functional and physical relationship between the DRA bicarbonate transporter and carbonic anhydrase II," <u>Am. J. Physiol. Cell Physiol.</u> , 283 (5): C1522-C1529 (Nov. 2002)		
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EXAMINER		DATE CONSIDERED	
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

 <p>OIPE INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) FEB 09 2004</p>		Docket Number (Optional) MST-2393 US	Application Number 10/723,795
		Applicant(s) Supuran et al.	
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*EXAMINER INITIAL	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
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	Supuran et al., "Carbonic Anhydrase Inhibitors: Synthesis of Sulfonamides Incorporating 2,4,6-Trisubstituted-Pyridinium-Ethylcarboxamido Moieties Possessing Membrane-Impermeability and In Vivo Selectivity for the Membrane-Bound (CA IV) Versus the Cytosolic (CA I and CA II) Isozymes," <u>J. Enzyme Inhibition</u> , 15 (4): 381-401 (2000)		
	Supuran et al., "Carbonic Anhydrase Inhibitors: Sulfonamides as Antitumor Agents?," <u>Bioorganic & Medicinal Chemistry</u> , 9 (3): 703-714 (March 2001)		
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	Vullo et al., "Carbonic Anhydrase Inhibitors: Inhibition of the Tumor-Associated Isozyme IX with Aromatic and Heterocyclic Sulfonamides," <u>Bioorganic Medicinal Chemistry Letters</u> , 13 (6): 1005-1009 (March 24, 2003)		
	Wingo et al., "The Catalytic Properties of Human Carbonic Anhydrase IX," <u>Biochemical and Biophysical Research Communications</u> , 288 : 666-669 (2001)		
EXAMINER		DATE CONSIDERED	
<p>*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>			

INFORMATION DISCLOSURE CITATION

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FEB 09 2004

Docket Number (Optional)

MST-2393 US

Application Number

10/723,795

Applicant(s)

Supuran et al.

Filing Date

November 26, 2003

Group Art Unit

*EXAMINER

INITIALS

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Winum et al., "Carbonic Anhydrase Inhibitors. Inhibition of Cytosolic Isozymes I and II and Transmembrane, Tumor-Associated Isozyme IX with Sulfamates Including EMATE Also Acting as Steroid Sulfatase Inhibitors," J. Med. Chem., 46(11): 2197-2204 (May 22, 2003)

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